

JAMES D. WELCH

ATTORNEY AT LAW

PROFESSIONAL ENGINEER

INTELLECTUAL PROPERTY 402-391-4448

1 32B PINEHURST AVE. OMAHA, NEBRASKA 68124

September 17, 2003

Commissioner for Patents

Box: 1450

Alexandria, VA 22313-1450

RB: UTILITY APPLICATION TITLED:

METHOD OF PRECISELY DETERMINING THE LOCATION OF A FAULT ON AN ELECTRICAL TRANSMISSION SYSTEM

Dear Sir;

Enclosed please find the identified Application, a filled-in PTO Declaration and Power of Attorney Form, a Small Entity Status Form, an Information Disclosure and a check for \$573.00. , (eg. \$375.00 Basic Fee + \$126.00 for Six (6) Independent Claims + \$72.00 for Twenty-Eight (28) Claims Total).

Please provide a Filing Date and Serial No. and enter the Application for Examination.

JAMES D. WELCH

JW/hs enc.

	ON IN COPENDING AP ADDITIONAL SUBJE		A	TTORNEY'S DOCKET NO.
L, the below anned inventor, hereb My residence, post office address a that I verily believe that I am the o	nd citizenship are as stated			ow, or a joint inventor if plural
inventors are named below at 201	-203, of the invention entiti	METHOD O	PRECISEI	Y DETERMINING
THE LOCATION OF A F	•		SION SYST	EM
which is described and claimed in	the attached specification:		<u></u>	· · · · · · · · · · · · · · · · · · ·
that this application inpart disclose	es and claims subject matter	disclosed in my earlies	filed pending a	pplication,
Serial No.	, filed	CLAIM	S BENEFIT	OF 60/458,080
that I scknowledge my duty to disc that as to the subject matter of this the same was ever known or used any printed publication in any cor- or in public use or on sale in the U that the common subject matter ha said earlier application in any cou- atives or assigns more than twelve as to applications for patents or inv	application which is comm in the United States of Ame many before my or our inve- finited States of America med a not been patented or mad months prior to the United S- months prior to said earlier enter's cartificate on the co	on to said earlier appli gica before my or our ation thereof, or more to than one year prior to the subject of an inve lates of America on an application; and sumon subject matter is	ation, I do not invention thereof than one year p to said earlier apartication file application file lied in any cour	incovered to not delive that in it or patented or described in it or to said earlier application, polication; a issued before the date of d by me or my legal represent-
States of America, prior to said or		A refer tehtmentanses	ot arribu-	•
no such applications have be				
such applications have been i				SADISED AND ICATION
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·	·	,		YES NO
ALL FOREIGN APPLICATION	s, if any , filed more	THAN 12 MONTHS P	RIOR TO SAID	EARLIER APPLICATION
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that as to the subject matter of this that the same was ever known or described in any printed publication, or in public use or or that said non-common subject mat date of this application in any corresponditives or essigns more that so applications for patents or in ica prior to this applications by meaning the prior to this applications have been such applications have been	used in the United States of ion in any country before at a sale in the United States of ter has not been patented of miry foreign to the United an twelve months prior to to ventor's certificate on the in so or my logal representative con filed, or	America before my or y of our invention the America more than or a made the subject of a States of America on a his application; and wention filed in any co a or assigns,	our invention to sect, or more the as year prior to a inventor's cert a application fil	hereof or patented or an one from the this application; lificate issued before the ed by me or my legal
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COUNTRY	APPLICATION NUMBER	(day, month, year)	(day, month,	Yes NO
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				经验证据

PTO Form 3.18(a)

Patent and Trademark Office - U.S. DEPARTMENT of COMMERCE

(continued)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agentic) to prosecute this application and transact all business in the Patent and Trademark Office connected thereafth. (Ilst name and registration no.)

JAMES D. WELCH

REG. NO. 31,216

SEND CORRESPONDENCE TO:

ORRECT TELEPHONE CALLS TO:
(name and (rephone number)

JAMES D. WELCH

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402-391-4448

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		OMAHA, NE 68124		SECOND GIVEN NAME
- IFAMILY NAME		FAMILY NAME	FIRST GIVEN NAME	В.
	PULL NAME OF INVENTOR		MARSHALL STATE OF FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
-		LINCOLN	NEBRASKA	U.S.A.
1	POST OFFICE ADDRESS	POST OFFICE ADDRESS 4239 CALVERT PLACE	LINCOLN	NE 68506
ᆉ	FULL NAME	EAMILY NAME	FIRST GIVEN NAME DOUGLAS	A.
1	OF INVENTOR	HARTZELL	STATE OR FOREIGN COUNTRY	
8	RESIDENCE & CITIZENSHIP	LINCOLN FOST OFFICE ADDRESS	NEBRASKA CITY	STATE & ZIF CODE/COUNTRY
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation—in—part application.

I have reviewed and understood the content of the application, including the Claims as amended and specifically referred to below.

1arshall phrashall

9-16-03

PTO Form 3.18(s) (page 2)

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Amended

STATUS AS A SMALL ENTITY

The undersigned, MARSHAL B. BORCHERT and DOUGLAS A. HARTZELL hereby aver that they are the inventors of the invention titled:

METHOD OF PRECISELY DETERMINING THE LOCATION OF A FAULT ON AN ELECTRICAL TRANSMISSION SYSTEM

and that they are independent inventors in accordance with Section 1.9(c) of 37 C.F.R., and that they qualify as a Small Entity as defined in Section 1.9(f) of 37 C.F.R.